

1    **Claims**

2    1. A blowtorch comprising a reservoir for storing gas, a valve for  
3       controlling the flow of the gas from the reservoir, a nozzle for  
4       spraying the gas from the valve, an igniter for igniting the gas  
5       sprayed from the nozzle, a handle device for controlling the valve  
6       and the igniter and a security device for keeping the handle device in  
7       check.

8    2. The blowtorch according to claim 1 wherein the valve includes:

9       □ a housing through which the reservoir is communicated with the  
10       nozzle;

11       □ a pusher that extends from the housing and is operable so as to  
12       switch the valve between a communicating mode and a blocking  
13       mode; and

14       □ a driver that extends from the housing and can be rotated in order  
15       to adjust the flow rate of the gas through the valve.

16    3. The blowtorch according to claim 2 wherein the handle device is  
17       connected with the driver and in contact with the pusher and the  
18       igniter.

19    4. The blowtorch according to claim 3 wherein the handle device  
20       includes an internal button in contact with the pusher and the igniter  
21       and a knob connected with the driver.

22    5. The blowtorch according to claim 4 wherein the internal button is  
23       movable in the knob.

24    6. The blowtorch according to claim 5 wherein the security device  
25       includes an external button connected with the internal button in the  
26       knob and a lock for locking the external button to the knob.

- 1 7. The blowtorch according to claim 6 wherein lock is installed  
2 substantially in the external knob.
- 3 8. The blowtorch according to claim 7 wherein the external button  
4 includes a cylinder defining an aperture, and the lock includes a latch  
5 extending through the aperture for abutment against the knob.
- 6 9. The blowtorch according to claim 8 wherein the security device  
7 further includes a spring compressed between the cylinder and the  
8 latch.
- 9 10. The blowtorch according to claim 9 wherein the lock further  
10 includes a stem extending into the spring.
- 11 11. The blowtorch according to claim 10 wherein the lock further  
12 includes a body from which the latch and the stem extend in opposite  
13 directions.
- 14 12. The blowtorch according to claim 11 wherein the external button  
15 includes a disc from which the cylinder extends and a slot defined in  
16 the disc, and the body extends through the slot.
- 17 13. The blowtorch according to claim 12 wherein the lock includes a  
18 head from which the body extends.
- 19 14. The blowtorch according to claim 13 wherein the head is provided  
20 with an indication.
- 21 15. The blowtorch according to claim 6 wherein the internal button  
22 includes two tubes extending from a side thereof, and the external  
23 button includes two inserts extending from a side thereof into the  
24 tubes.
- 25 16. The blowtorch according to claim 15 wherein the knob includes a  
26 hub in which the driver is fit, a cylinder in which the internal button

1        and the external button are movable, a ring formed between the hub  
2        and the cylinder thereof and two slots through the tubes extend.

3    17. The blowtorch according to claim 5 further includes a retaining  
4        device for retaining the internal button in a pressed position in the  
5        knob.

6    18. The blowtorch according to claim 16 wherein the retaining device  
7        includes two rods extending from the internal button, an annular  
8        shoulder formed on an internal side of the knob and two recesses cut  
9        into the annular shoulder, and the rods are put in the recesses in a  
10       non-pressed position and put against the annular shoulder in the  
11       pressed position.

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